

N Y E, 1648.

A New Almanack and
Prognostication for
the Year of our
Lord, 1648.

Being the Leap Year.

Calculated exactly for the
Meridian of the faire and
populous Town of *Birmicham* in
Warwickshire, where the Pole is
elevated above the Horizon
52. deg. and 36. min. This
being the middle-
most Town in all
England.

By *Nathaniell Nye*, Mathem.

LONDON,
Printed for the Company of
STATIONERS.

Common or vulgar Notes for this pre
sent yeare 1648.

The *Julian* or *English* Accompt.

The Golden Number,	19
The Circle of the Sun or Sunday letter,	5
The Epact beginning March the first,	13
The Dominicall Letters,	B. 1
From Christmas to Shrove Sunday 7 weeks,	
Shrove=sunday,	Feb. 13
Easter day,	April 1
Ascension-day,	May 11
Wogation Sunday,	May 7
Whit=sunday,	May 21
Trinity=sunday,	May 28
Advent=sunday,	Decem. 3
Sundayes after Trinity,	26

Charles our Soberaign King did begin his reign
over Great Britain the 27 of March, Anno Dom.
1625. and hath reigned 23 years compleat the 26 of
March, but the 27 day is initium Anni 24 Regni.

The Golden Planet Venus is our bright morning
Star from the 21 day of Nov. 1647. untill the 4 of
September this year, and therefore is called Lucifer,
then from the said 4 day of Septemb. she becommeth
our bright Evening Star, and so continueth untill
the end of the year, she being Occidentall, is called
Hesperus or Vesperus, shining most gloriously in the
West, and sometimes is eclipsed by the ☾ when she
is in her first quarter.

The Dominion of the Moone in Mans
body, passing under the twelve
Zodiacall Constellations,

V Arias, Head and face.

♉ Taurus
Neck and
throat
♊ Cancer
Brest, Sto-
mach and
ribs.
♋ Virgo
Bowels &
belly.
♌ Scorp.
Secret
members.
♍ Capricorn
Knees.



♊ Gemini
Armes and
Shoulders.
♌ Leo
Heart and
back.
♎ Libra
Reines and
loynes.
♏ Sagittarius
Thighes.
♐ Aquarius
Legs.

♈ Pisces the Feet.

The Characters of the Seven Planets.

♄ Saturn, ♃ Jupiter, ♂ Mars, ☉ Sol, ♀ Venus,
☿ Mercury, ☾ the Moone, ♀ the Dragons head,
♁ the Dragons Talle.

The Aspects of the Planets.

♄ Coniunction, when Planets are in one sign & deg.
* ♄ Sextile, when they are distant just 2 signs.
□ ♄ Quartile, when they are distant 3 whole signs.
△ ♄ Tryne, when they are distant 4 signs.
♄ In Opposition, when planets are dist. 6 whole sig.

There are of late 5 other Aspects devised, but be-
cause they are little used or regarded by any man,
I forbore to set them down.

**A Necessary and perfect Table to know
the beginning and ending of every
Term, the number of the Returns and
the day of the Moneth where-
upon they happen this
present yeare.**

Hillary Term, beginneth Ianuary the 24 and endeth
Feb. 12. it hath four Returns.

Oct. Hillary,	Iun. 20	Craft. Purif.	Feb. 3
Quind. Hillary,	Iun. 27	Octab. Purif.	Feb. 10

Easter Term, begins 19 April, ends May 15, hath
fve Returns.

Quind. Pasch.	April 17	Quinque Pasch.	May 8
Tres Pasch.	April 24	Craft. Ascen.	May 12
Wensc. Pasch.	May-day		

Trinity Term, begins Iune the 2. ends Iune the 21.
and hath but foure Returns.

Craft. Trin.	May 29	Quind. Trin.	Iune 12
Oct. Trin.	Iune 5	Tres Trin.	Iune 19

Michaelmas Term, begins October 23. ends Novem-
ber 28. and hath 11 Returns.

Tres Mich.	Oct. 20	Craft. Mart.	Nov. 12
Wensc. Mich.	Oct. 27	Oct. Mart.	Nov. 18
Craft. Antm.	Nov. 3	Quind. Mart.	Nov. 25

know
ery
nd

January hath xxxi. dayes.

Last quarter the 7 day, at 5 in the morning.
New moon the 14 day, at 6, & 20 min. evening
first quarter the 22 day, at 11 at night.
full moone the 29 day, at 12 at night.

1	a	20 Year 3a.	leo 4	Discursion	3	58
2	b	2 sun. aft. crist	leo 18		3	59
3	c	Lambhur fa.	virg. 3	♂ ♀ faire and	4	1
4	d	The 7 star. sou	vir. 18	frosty.	4	3
5	e	at 7 & 47 nigh	libra 2		4	4
6	f	Thurs day.	libra 17	Epiphany	4	5
7	g		scorp. 0	☐ ☉ ante	4	6
8	a		scor. 12	♂ ♀	4	7
9	b	3 sun af. Crist	scor. 29	♀ 15. deg. ♂	4	8
10	c	Bambury fa.	sag. 12	☉ 15. ♀: ♂ ♀	4	10
11	d	Sun in ♍	sag. 26		4	11
12	e		cap. 8	♂ 8. ♀	4	12
13	f	Hillary Bish.	cap. 18		4	14
14	g	7 stars south	aqua. 1	♂ ☉ 6. post.	4	15
15	a	hour 5.	aqu 13		4	17
16	b	4 sun. af. Crist	aqu 27		4	19
17	c		pisce. 7	♂ ♀ somewhat	4	20
18	d		pisce. 19	moyst.	4	22
19	e		aries 1		4	23
20	f	7 sta. so. 6h. 40	arie 15		4	25
21	g	Agnus Virg.	arie 27	♂ 26. degree ☉	4	27
22	a	7 stars scrs 2.	taur. 9	☐ ☉ 11. post	4	28
23	b	47 mozt.	tau. 20	♂ ♀ very cold	4	30
24	c	Term begins	gem 20	werthor.	4	32
25	d		gem 12		4	34
26	e	fast day.	gem 29		4	35
27	f	7 stars south	can. 13		4	37
28	g	12. p.	can. 27		4	39
29	a		leo 17	♂ ☉ 12. post	4	41
30	b	Septuagesima	leo 27	The 7 stars set	4	43
31	c	Landocell fatr	vir. 12	at 2 & 10. morn.	4	45

February hath xxviii. dayes.

- ☾ Last quar. the 5 day, half an hour past 7 at night.
- New moon the 13 day, about one afternoone.
- ☾ First quart. the 21 day, at 2 in the afternoone.
- Full moon 28 day, half an hour past 6. in morn.

M. d.	W. d.	Faires, Feasts, and Fast days	The sign that the ☾ is in.	The Aspects of the Planets with the ☾ and amongst themselves.	The setting
1	d	Epom. in La.	vir. 27	Wet.	4 48
2	e	Candlemas	lib. 12	Purification of M	4 30
3	f	Brox. fatic.	lib. 27		4 52
4	g		scor. 11	Moyst.	4 54
5	a		scor. 24	☐☉☾ 3 post ☽ h	4 56
6	b	Sexag. simi.	sag. 8		4 58
7	c	Stafford fair	sag. 20	h in the 26. ☽	5 0
8	d	3 days roget.	cap. 3	About the 7.8 or	5 2
9	e	Sun in ♄.	cap. 15	9 day, look for	5 4
10	f	Landaff fair	cap. 28	wind and snow or	5 6
11	g		aqu. 10	raine.	5 8
12	a		aqu. 22	♄ ♀	5 10
13	b	Shrovelund.	pis. 4	☉☉ 1 post ☽ ♀	5 12
14	c	Valentin Pe-	pis. 16		5 14
15	d	berham in	pis. 28	A bad season.	5 16
16	e	Kent faire.	aries 9		5 18
17	f		arie 21	h in 26d. 30.m. ☽	5 20
18	g		taur. 3	♀ 3. 32. m	5 22
19	a		tau. 16	☉ in 10. d. 42m ♄	5 24
20	b	1 sun. in lent.	tau. 28	☿ in ♄ 3. 25 ☽ h	5 26
21	c		gem. 11	☐☉☾ 3 night.	5 28
22	d		gem. 24	Wavering and in-	5 30
23	e	Fast day.	canc. 7	constant weather	5 32
24	f		canc. 21	☽ in 6. deg. ♄	5 34
25	g		leo 5		5 36
26	a		leo 20	♄ ♀	5 38
27	b	sun. in lent.	vir. 4	♄ ♀. ☽ ♀ ☉	5 40
28	c	Augustine b.	vir. 21	☽ ☉ ☉ 6 ante.	5 42
29	d		libr. 6		5 44

March hath xxxi. dayes.

- (Last quarter the 6 day, at 4 in the morning.
 New moon 14 day, 3 quart. past 6 in the morn.
 first quarter the 22 day, at 3 in the morning.
 Full moone the 28 day, at 6 in the night.

The	1 d	David Wih.	lib. 21	Windy.	5	44
seeing	2 c	Crab.	scor. 6		5	46
4 48	3 f	Pice satre.	scor 20	♂ ♀ ☾ Raine.	5	48
4 50	4 g	Ockham satr	sag. 4		5	50
4 52	5	3 sun. in lent.	sag. 17		5	52
4 54	6 b		cap. 0	☐ ☉ ☾ 4 ante.	5	54
4 56	7 c		cap. 12		5	56
4 58	8 d	Tregarron fa	cap. 25		5	57
5 0	9 e		aqu. 7	About the 9. 10 &	5	59
5 2	10 f	Sol ent. ♀	aqu 19	11 d. win. & rain.	6	1
5 4	11 g		pis. 1	♂ ♀ ☾ 7 an	6	3
5 6	12	Midlent S	pis. 13		6	5
5 8	13 b	Wodwin satr	pis. 24	♂ ☾ 8. post.	6	6
10	14 c		aries 6	♂ ☉ ☾ 6.45. ante	6	9
12	15 d		arie 18		6	11
14	16 e		taur. 1	* ♀ ☾ faire.	5	13
16	17 f	Pattrington f	tau. 12		6	15
18	18 g	Sturb. in wo	tau. 25	♂ ♀ ☾ 7 post.	6	17
20	19	5 fund. in len.	gem. 8	♂ in 28 ♀.	6	19
22	20 b		gem 20	♀ in 29. deg. of ♀	6	21
24	21 c		canc. 3	☐ ☉ ☾ 11. ante.	6	23
26	22 d		can. 17	☉ in degr. 27. ♀	6	25
28	23 e		leo 0	♂ ☉ 17. m	6	27
30	24 f		leo 14	△ ☉ ☾ 00	6	29
32	25 g	Ammon. Ma.	leo 29	♂ ♀ ☾ 2. post.	6	31
34	26	Dalim sundy.	vir. 14		6	34
36	27 b	King. Ch. beg.	vir. 29	♂ ☾ ☾ haile.	6	36
38	28 c		lib. 14	♂ ☉ ☾ 6. p.	6	38
40	29 d	The fast day	lib. 29		6	40
42	30 e		scor 14	♀ at gr. dist. a. ☉	6	42
44	31 f	Malmsburp f	scor 28	♂ ♀ ☾ some drops	6	44

Aprill hath xx x. dayes

- ☾ Last quarter the 4 day, at 7 at night.
- New moon the 12 day, at 11 at night.
- ☾ First quart. the 20 day, half an hour before noon.
- Full moon the 28 day, at 3 in the morning.

1	g	Mary Egypt	sag. 12	The d. 13 ho. &	6 45
2			sag. 26	an half in length	6 47
3	b	Leek in Staf.	cap. 9		6 49
4	c	fordshire.	cap. 21	☐ ☉ ☿ 7. p.	6 51
5	d	Wallingford	aqua. 4		6 53
6	e		aqu. 16		6 55
7	f	Darby faire	aqu. 28	♂ ♀ ☿ 2 post	6 57
8	g		pis. 9	Low Sunday	6 59
9		1 sun. af. East	pis. 21		7 1
10	b	Willingstwort	artes 3	Cloudy ♂ ♀ ☿	7 3
11	c	☉ in 1 de. of ☿	arie 15	♂ ☉ ☿ 11 post	7 5
12	d		arie 27		7 7
13	e	Wallerian ma	tau. 10	Very fair & clear	7 9
14	f	Stat. Bath.	tau. 22	♂ ♀ ☿ 6 ante.	7 11
15	g	Pyte 24.	gem. 5		7 13
16		2 sun. af. East	gem 17		7 15
17	b		canc. 0	♂ in 19 deg. ♀	7 17
18	c		can. 13	♂ in 29. 27 ♀	7 19
19	d	Term legitur	can. 27	☐ ☉ ☿ 11. ante	7 20
20	e		leo 20	☉ 11. 42 ☿	7 22
21	f	Stinton bish.	leo 24	♂ in 2. 24 ♀	7 24
22	g	Strafford fair	virg. 9	♀ 8 deg. 14 in ♀	7 26
23		S. George.	vir. 23		7 28
24	b		libra 8	♂ ♂ ☿ stormes	7 30
25	c		libz. 23		7 32
26	d	Cleet fa. 24	scor. 7		7 33
27	e		scor. 22	♂ ♀ ☿ 4 ante	7 35
28	f	Wittals mart.	sag. 6	♂ ☉ ☿ 3 ante	7 37
29	g		sag. 20	Change of weath	7 39
30		4 sun. af. East	cap. 4	the d. 15. h. 20. m	7 40

May hath xxxi dayes.

last quarter the 4 day, at 11 before noone.
 New moon the 12 day, at one afternoone.
 first quart. the 19 day, at 5 and 20. min. after.
 full moon the 26 day, iust at noone.

6 45	May day	capit. 1	Philip and Jacob	7	41
6 47		aqua. c	Very fair and	7	42
6 49	Abergweny fa	aqua. 12	cleare.	7	44
6 51		aqua. 24	☐ ☉ ☿ 11 ante	7	46
6 53	Marthen fair	pisc. 6	♂ ♀ ☿	7	48
6 55		pisc. 18	h in 5 II	7	49
6 57	Rogation sun	artes 0	Somewhat windy	7	50
6 59	Oxford & Ba	arte 11	A little rain	7	52
7 1	Watstone fa	arte 24		7	53
7 3	Th. in Peak	taur. 6	♂ ♀ ♂ 5 ante	7	55
7 5	Sun in II	tau. 18	Ascension day.	7	56
7 7	Dunstabl fat.	gem. 1	♂ ☉ ☿ 1 post	7	58
7 9	Graves The	gem 14		7	59
7 11	rock in Essex.	gem 27	Vpon the 11 day	8	0
7 13	Welchpoole fa	can. 10	is Birmicham fair	8	2
7 15	Langurran fa	can. 24	Term ends.	8	4
7 17		leo 7	Calme	8	5
7 19		leo 21	☐ ☿ h	8	7
7 20	Rochester fat.	virg. 5	☐ ☉ ☿ 5 p.	8	9
7 22	Walsburp f	btr. 19	I. 19. m. ♀	8	10
7 24		lib. 3	Pente. h. 6. 2 I II	8	11
7 26		lib. 18	♂ in 8. 14. d ♂ ♂ ☿	8	12
7 28	♂ ♂ ♀	scor. 3	Fair and clou.	8	12
7 30		scor. 17	♂ ☉ ☿ 10 one	8	13
7 32	Bede Gith	sag. 1	The ☿ is ecl. this	8	14
7 33	Blackburn fa	sag. 15	ful moon but bec.	8	15
7 35		sag. 29	it hapn. at noon it	8	15
7 37	Trinity day	cap. 12	wil not be seen of	8	16
7 39	Crambrock fa	cap. 25	us, but by them th	8	16
7 40		aqua. 8	live iust under us	8	17
	Barthore in	aqua. 20	fast day ♂ ♀ ☿	8	17

June hath xxv. dayes.

- ☾ Last quarter the 3 day, at 4 and 20 mozt
 ● New moon the 11 day, a little before one
 ☾ First quarter the 17 day, at 10 at night.
 ● Full moone the 24 day, at 10 and 40 min. m

1	e	Michodemus	pis. 2	Sharp wir. at Se
2	f	Hadstock fair	pis. 14	Calme b. gen.
3	g	Wilsbury fa.	pis. 26	☐☉☉ 4 ante
4	a	1 sun. af. Tri.	artes 8	☿☿ wind & rai
5	b		arte 20	☿☿☿
6	c	Claudius B	taur. 2	Calme
7	d	Molstan tran	tau. 14	☿☿☿ some drops
8	e		tau. 29	☿☿☿ 4 ante
9	f	Watson fa.	gem. 5	☿☿☿
10	g		ge. 23	The longest day
11	a	2 Sun af. Tr	canc. 6	☿☉☉ 11 post
12	b	☿☿☿	can. 24	Sunne ecclipsed
13	c	Anthony con	leo 4	this new moone,
14	d	Bangoz faire	leo 18	but not seen of us
15	e		birg. 3	because it hap
16	f	Mizes faire	bir. 16	neth at midn ght.
17	g	Hadstock fair	lib. 2	Very fair, calme &
18	a	3 sund. af. tri.	lib. 14	temperate weath.
19	b		lib. 24	☐☿☿ hot whea.
20	c	Silvester	scoz 13	☿ in 5. degr. m
21	d		scoz 26	☿ in 5 II ☿☿☿
22	e	Shrotonbury	sag. 10	☿ 20 II ☿☿☿
23	f		sag. 24	
24	g	John Bapt.	cap. 7	Midsummer day.
25	a	4 sund. af. tr.	cap. 20	
26	b	Burton on T	aqu. 4	☿☿☿
27	c	7 sleepers	aqu. 16	
28	d	Fast day	aqu. 28	☿☿☿ midnight
29	e		pis. 10	
30	f	Wark. in Che	pis. 22	*☿☿

July hath xxxi. dayes.

last quart. the second day, at 9 and 33 min. eben
 New moon 10 da. at half an hour past 10 befoze noon
 first quarter the 17 day, at 3 in the morning.
 full moon the 24 day, a quart. past 11 befoze noon.

g	aries 4	☐ ○ ☐	8	12
5	Sun. af. tr.	arie 16	Very hot	8 13
b	Huntington	tau. 10	Great windes at	8 10
c	Congerton	tau. 22	Sea	8 9
d	Burton on	gem. 5		8 8
e	Chipping noz	ge. 17	♂ ♂ ☐	8 6
f		canc. 1		8 4
g		can. 14	♂ ♀ ☐	8 3
h	6 fund. af. tr.	can. 28	♂ ○ ☐	8 1
i		leo 23		7 59
j	Lidde faire	leo 27		7 58
k		vir. 12	Thunder will be	7 56
l	Sun in ♈	vir. 26	heard in some	7 54
m		lib. 11	places this month	7 53
n	Green. in sul.	lib. 25		7 51
o	7 fund. af. tri.	scorp. 9		7 49
p		scor. 23	☐ ○ ☐	7 48
q		scor. 23		7 47
r	Dog day beg	sag. 6	♂ 27 II	7 46
s		sag. 20	13.32 II locus h	7 44
t	Bolton fa'rc.	cap. 3	♂ 10.51 III	7 43
u		cap. 16	♀ 27 deg. S	7 41
v	8 fund. af. tri.	cap. 29	♂ ○ ☐	7 40
w	Carnarvon	aqu 11		7 31
x	James the	aqu 24		7 37
y	Welldly fair	pis. 1		7 36
z		pis. 18	♂ ♀ ☐	7 34
a	Sampson B	aries C		7 32
b		arie 12		7 30
c	9 fund af. tri.	arie 25	Very hot. weath.	7 29
d	Germain B	aur. 9	Raine.	7 27

August hath xxxi dayes.

- (Last quarter the 1 day, at 2 in the afternoon
- New moon the 8 day, at 7 at night.
-) first quarter the 15 day, at 10 before noon.
- full moon 22 day, at 2 in the morning.
- (Last quart. the 21 day, at 5 & 30 in the morning

1	c	Lammas day	tau. 20	☐ ☉ ☾ 2.p	7 2
2	d		gem	○ Very faire and	7 2
3	e		gem 12	cleare.	7 2
4	f	Radnor faire	gem 27	♂ ♂ ☾	7 2
5	g		came. 2		7 1
6	h	10 sun. af. Cr	can. 29	Thunder	7 1
7	b	Peterburrow	leo 7		7 1
8	c		leo 21	♂ ☉ ☾ 8 p	7 1
9	d	Bambury	virg. 7	♂ ♀ ☾	7 1
10	e	S. Laurence	vir. 20	☐ ♀ ♂	7 1
11	f		libra 6		7 6
12	g		libr. 23	Some drops	7 4
13	h	11 sun. af. tri.	scor. 17		6 2
14	b		sag. 0	☐ ☉ ☾ 10 ante	6 0
15	c	S. Albons fa.	sag. 13		5 5
16	d		sag. 25		6 5
17	e		cap. 8	Wind. The da. are	6 5
18	f	Helena	cap. 20	shortned 3 hours	6 3
19	g		aqua. 4	♂ in 17 deg. ♀	6 3
20	h	12 sun. af. tri.	aqu. 17	♀ in 4 deg. ♀	6 4
21	b		aqu. 28	♂ in 17 deg. ♂	6 4
22	c		pisc. 9	♂ ☉ ☾ 2 ante.	6 4
23	d		pisc. 20		6 4
24	e	Bartholomew	aries 2		5 4
25	f	Paggots	arie 14	Calme	6 3
26	g	Bromley fa.	taur. 0		6 3
27	h		tau. 12		6 3
28	b	Sturbridge fa	tau. 25	Cloudy	6 3
29	c		gem 9		6 3
30	d		gem 22		6 2
31	e		can. 17	☐ ☉ ☾ 5 ante	6 2

September hath xxx. dayes.

new moon the 7 day, at 3 in the morning.
first quarter the 13 day, at 7 and 23 evening.
full moon the 21 day, at 6 and 10 min. at night.
last quarter the 29 day, 7 at night.

ing.	Eples abbot	canc. 4	Very faire and	5 25
c mo		can. 17	temperate weath	5 23
17 2	14 sun. af. tri.	leo 1		5 21
7 2	Ockham in	leo 15	♂ ☉ ♀ from this	5 20
7 2	Rutlandshire.	leo 29	beyond the years	6 18
7 2		vir. 14	end ♀ is Occident	6 16
7 1		libra 0	♂ ☉ ☾ 3 ante	6 14
7 1	Ware and	libra 15	Sturbridge faire	5 12
7 1	therston fair	scor. 0		5 10
7 1	15 sun. af. tri.	scor. 15	Serene Skies	6 8
7 1		scor. 29		6 6
7 1	Tuxford fair	sag. 13		6 4
7 6		sag. 27	☐ ☉ ☾ 7 post	5 2
7 4	Holy Wood	cap. 10	Equall day and	5 0
5 2	Denbey fair	cap. 22	night.	5 58
6 0		aqu. 5		5 56
5 58	16 sun af. tri.	aqu. 17		5 54
6 57	Clifford faire	pis. 0	White clouds	5 52
6 55		pis. 11		5 50
6 53		pis. 23		5 48
6 51		aries 6	♂ in 5 deg. ♄	5 46
6 49		arie 17	♀ in 11. deg. 50	5 44
6 47	Pancrifice fa	arie 29	min. ♄.	5 42
6 45	17 sun. af. tri.	tau. 11		5 40
6 43		tau. 23	Raine	5 37
6 41		gem 5		5 35
6 39		gem 17	Windy	5 33
6 37		canc. 0		5 30
6 35		can. 13	☐ ☉ ☾ 7.p.	5 28
6 33		can. 26		5 26

October hath xxxi dayes.

- New moon the 6 day, at 11 & 40 min. before
- First quarter the 12 day, at 9 in the morning
- Full moon the 21 day, just at noone.
- Last quarter the 29 day, at 6 in the morning

1	a	18 sun. af. tri.	leo 9	
2	b	Salisbury	leo 41	♂ ♂
3	c	Bolton in the	virg. 8	It begins to bee
4	d	Woores.	vir. 24	cold and windy.
5	e		lib. 8	
6	f	Faiths bynoz	lib. 22	☉ 12 midday
7	g		scor. 8	Calme.
8	a	19 sun. af. tri.	scor. 22	Raine.
9	b	Wish. Strat.	sag 8	♂ ♀
10	c		sag 2	White Clouds.
11	d		cap. 6	
12	e		cap. 19	Sun enters Scor.
13	f	Maurile.	aqu. 2	☐ ☉ 9. ante
14	g		aqu 14	
15	a	20 sun. af. tri.	aqu 26	Moist.
16	b		pis. 8	
17	c		pis. 20	♂ 15. II
18	d	Wish. Strat.	arie. 2	♂ ♀ 8. ante.
19	e		arie 14	
20	f	Pork faire.	arie 26	♂ 22. ♀
21	g	Safron mal.	tau. 8	♂ ☉ noon.
22	a	21 sun. af. tr.	tau. 20	♀ 29. ♀ ☐ ♂ ♀
23	b	Wish. Strat.	gem. 2	
24	c		gem 14	♂ ♀
25	d	Wish. Strat.	gem 27	
26	e		can. 10	Haile.
27	f		can. 22	
28	g	Wish. Strat.	leo 6	
29	a	22 sun. af. tri.	leo 19	☐ ☉ 8. ante
30	b	Wakefield.	vir. 3	
31	c		vir. 7	

November hath xxx dayes.

seen moon the 4 day, at 9 a'clock & 30 min. night.

first-quarter the 12 Day, at 2. in morning.

full moon 20 day, at 6 o'clock & 15 m. moon eclip.

last quarter the 27 Day, at 6 at night.

	lib. 2	4	23
	lib. 17	4	21
Carmarthen f	scor. 2	4	19
	scor 17	4	18
23 sun. af. tri.	lag. 1	4	16
	lag. 16	4	15
Bedford faire	cap. 0	4	13
	cap. 14	4	11
	cap. 27	4	10
Wem in staff.	aqu 10	4	8
Walborough	age 23	4	7
24 sun. af. tri.	pis. 5	4	5
	pis. 17	4	3
	pis. 29	4	2
Wellington f.	arie 11	4	1
	arie 23	3	59
Northampton	tau. 5	3	58
	tau. 17	3	51
Northam fair	tau. 22	3	56
S. Edmonds	gem 11	3	54
	gem 24	3	53
	cane. 7	3	52
Clement B	can. 19	3	50
	leo 3	3	50
Katherine M	leo 16	3	59
26 sun. af. tri.	birg. 0	3	58
	btr. 14	3	47
Term ends.	btr. 24	3	46
	lib. 12	3	45
Sticks Upo	lib. 26	3	44

December hath xxx dayes.

- New moon 4 day, at 9 a clock and 30 min.
- First quarter the 11 day, at 10 at night.
- Full moon the 19 day, at 11 at night.
- Last quarter the 26 day, at midnight.

1	a		scor. 11	Frost	3 4
2	b		scor. 26		3 4
3	c	Robert sun	sag. 10	Cold raine	3 4
4	d		sag. 24	☿ ☉ ☿ 9 ante	3 4
5	e	Newton faire.	capr. 8		3 4
6	f	Arundell in	cap. 22	Variable	3 4
7	g	Hillex.	aqua. 5		3 4
8	a	Leicester faire.	aqu. 19	Winds and wet	3 4
9	b		pis. 1	☿ ☉ ♀ : 47	3 4
10	c		pis. 13		3 4
11	d	Sun in ♍	pis. 25	The shortest day	3 4
12	e		aries 7	☿ in 11 degr. II	3 4
13	f		arie 19	♂ in 13.48	3 4
14	g		taur. 1		3 4
15	a	Valertan bi.	tau. 13	Cold	3 4
16	b		tau. 25		3 4
17	c		gem. 7	☿ ♄	3 4
18	d		gem. 20	☿ ☉ ☿ 11 post	3 4
19	e		canc. 2		3 4
20	f		canc. 16		3 4
21	g		can. 29		3 4
22	a		leo 13		3 4
23	b		leo 27		3 4
24	c		vir. 10	☿ ☿ ☿	3 4
25	d		vir. 24	☐ ☉ ☿ midnight	3 4
26	e		libra 8	Like to be a fro	3 4
27	f		lib. 23	sty Christmas.	3 4
28	g		scor. 7		3 4
29	a	Canterbury	scor. 21		3 4
30	b		sag. 5		3 4
31	c	Sun. af. chz.	sag. 19		3 5

A
PROGNOSTICATION
for the Yeare

1648.

Wherein is contained a description of the foure Quarters of this Yeare.

And also is described the Constellations of the Stars to find the true houre of the night, and to find the houre of the day with a plain Walking-staffe,
very pleasant and profitable.

Calculated for the Meridian of the faire Town of *Birmicham* in Warwickshire, neer the Middle of *England*.

By *Nat. Nye*, Mathematician.

LONDON,

Printed by *J. T.* for the Company of
STATIONERS.

A brief Chronology of some memorable things

The Creation of the World.

Noah's Flood

The building of the Temple by King Solomon

Brute entered this Island

Julius Cesar conquered this Kingdome

Julius Cesar reformed the yeare

The Destruction of Jerusalem

England received the Christian faith

Duke William conquered this Kingdome

The Town of Birmicham was built

Gunnes were first invented

Printing was invented

Martin Luther did oppose the Pope

The Royall Exchange was built

The Rebellion in the North

The Massacre in France

Tilbury Campe

King Charles was born November 19.

The Powder Treason

The last great Frost

The Death of Prince Henry

The Marriage of the Earle Palatinate and

Elisabeth

The last blazing Starre

His Majesties Reign began March 29.

Prince Charles was born May 29.

The Parliament began at Westminster Nov. 3.

Since

Measures of England.

The Compasse of England is

Miles 193

The greatest length thereof Northward and Southward, not crossing the Sea

Shortest length from Barwick to Calsh. C. in Hampl.

The broadest place in England from the Lands end

Sandwich is

From St. Davids in Pembrookshire to Yarmouth is

le thing
short description of the 4. Quarters of this year, 1648.

Of the Spring.

The beginning of the Spring hapneth this Yeare upon the 9. day of *March*, at 9. at night; at which moment the Sun enters ♈ making the dayes and nights of all length throughout the whole world (except un- both the Poles) this quarter continues whilest the Sun runneth thorow these three Signes, ♈ ♉ and ♊ the space of 92. dayes and 4. houres.

Of the Summer.

The Summer begins at the ☉ entrance into the first min. of the Northern and Tropicall signe ♋ upon the 10. of *June* at Mid-night: the daies being then at the longest, and with us at Birmicham about 16. houres and 3. quarters. This Season continueth while the Sun passeth through these 3. Signes ♋ ♌ and ♍ the space of 93. dayes 15. houres and 7. min.

Of Harvest.

Harvest begins when ☉ enters in the first min. of ♍ which hapneth this Yeare upon the 13. day of *September*, 12. day at 4. afternoon; the dayes and nights being equall, and as temperate as in the Spring. This quarter hath his period at the Suns departure from the first min. of ♎ a Signe cold and moyst, accompanied with fogs and mists ingendring much sicknesse, as the Plague, Feavers, and such like: this Quarter continues the space of 89. dayes and 11. houres in which the Sun passeth through ♎ ♏ and ♐.

Of Winter.

The Winter beginneth at the Suns entrance into ♑, which hapneth this year upon the 11. of *Dec.* the 11. morn. at which time the daies are at the shortest, and with us at Birmicham is 7. hou. and a quarter in length. A warme and moyst wind is an enemy to husbandmen; if reasonable store of Snow falleth, it begets plenty. This Quarter continues while the Sun passeth through ♑ ♒ and ♓, 89. dayes.

A Prognostication.

Astronomical Notes.

THe true Proceſſion of the Equinox or diſtance the firſt ſtar in the Rams horn from the Equinox point (according to the Rodolphine Tables) is 18. 16. min. according to *Lansbergs* Tables, 18. deg. 11. min. and according to *Argols*, 18. deg. 19. min.

The Obliquity of the Zodiack (according to Tycho) is 23. deg. 31. min. and 30. ſec. and according to the Ptolemaicall, it is 23. deg. 28. min. and 0. ſec. but according to *Lansberg*, 23. deg. and 30. min.

The Auges of the Planets.

According to Argols Tables.

According to Lansberg.

	degr.	min.	seconds.			degr.	min.	seconds.
♄	27	28	5	♄	} }	♄	26	53
♅	8	25	10	♅		♅	3	8
♆	29	52	44	♆		♆	26	31
♁	6	31	25	♁		♁	7	46
♂	0	40	0	♂		♂	1	54
♂	1	3	10	♂		♂	29	51

The true magnitude of the Tropicall yeare is 365. days, 5. houres, 49. min.

An exact way to find the true houre of the day with a walking ſtaffe divided into ten equal parts.

THe uſe of this Table following is to find the true houre of the day by a Walking ſtaffe equally divided firſt into 10 parts, and each of theſe ſubdivided into ten more parts, ſo your ſtaffe divided into 100. the uſe whereof is thus; When you deſire to know the true houre of the day, ſet it upright and meaſure the length of the ſhadow by the greater parts of your ſtaffe where the ſtaffe containeth 10. and if it fall between one of theſe greater parts, then note how many of the leſſer parts, I mean of the ſmall parts betwixt every great diviſion; this known, find the number of the parts in the Table right againſt the day of the month, and over that you have the true houre of the day; but if you cannot find the day of the month, take the neereſt day thereunto, & ſo proceed as before.

Nye, 1648.

A Table to find the true houre of the day
throughout the yeare by a Staffe divided into
equall parts.

Before noon		12	11	10	9	8	7	6	5
After noon		0	1	2	3	4	5	6	7
10	—	5	6	6	7	5	9	3	12
30	23	5	7	6	2	7	6	10	13
20	4	6	0	6	5	8	0	10	8
10	13	6	4	7	0	8	4	11	15
30	24	7	0	7	5	9	1	12	16
20	3	7	8	8	3	9	8	13	17
10	13	8	7	9	1	11	14	19	30
30	24	10	10	6	12	4	16	23	37
20	3	11	12	14	18	27	46	189	
10	13	13	14	16	21	31	63		
30	24	15	16	19	25	39	100		
20	3	17	18	21	29	48	173		
10	13	20	21	25	36	66	202		
30	23	24	25	31	47	107			
20	1	28	30	37	59	296			
10	11	32	35	44	77	732			
30	23	37	40	52	100				
20	3	40	43	58	122				
10	—	41	44	60	131				

A Prognostication.

An Example to find the houre by the Table.

First upon an even plain I erect the staffe, and take exact notice where the shadow of the staffe ends, then I measure to that place where the shade of the top of the staffe was, which suppose I find to be 13. that is 1. whole staffe and 3. parts more ; this done also, upon the 10. of *April*, against which day I find 13. and over the head of that columnne I find the houre of the day to be either 9. in the morning, or 3. afternoon.

Another Example.

I Errect the staffe upon even ground, and find the shadow of the top of the staffe to be upon some stone, straw, or other thing which I can remember againe, then I measure from the place where my staffe was erected unto the observed place, and find it cut 7. parts of the greatest division of the staffe and 5. of the small divisions which is betwixt each part, upon the 12. day of *June* because I cannot find that day in the Table, I take the 10. of *June* which will make small difference ; next I seek for 7. great parts and 5. lesser : I find them, and over head I find that it is either 10. before noon, or 2. afternoon.

A third Example.

UPon the 30. day of *April*, I erect the staffe and measure its shadow, which I find to be 20. parts or just twice the length of my staffe, I find the said day of the moneth in the table, but cannot find the number of 20. right before it, onely I find 16. at 4. a clock, and 24. at 5. a clock : now 20. being halfe between 16. and 24. I conclude the houre of the day to be halfe an houre after 4. in the evening : this is very easie.

Arts Mathematicall

taught by Nath. Nye Mathematician, these Arts, Sciences, and Faculties, hereunder expressed.

In whole Numbers and Fractions.

Extraction of $\left\{ \begin{array}{l} \text{Square.} \\ \text{Cube.} \end{array} \right.$
Rootes $\left\{ \begin{array}{l} \text{Of Astronomical Fractions.} \end{array} \right.$

The Art of Decimall Arithmetick.

The use of the Logarithmetical Tables to resolve all Arithmetical questions.

The Principles, with the Practice and Demonstration of Measuring of Land, and reducing of Plots and mapps to any Proportion.

Measuring of any superficiall or solid content, as Board, Glasse, Timber, and Stone.

Gaging of Vessels the exactest way.

The Doctrine of Plain and Sphericall Triangles, with the use of the Tables of Sines, Tangents, and Secants, both naturall and artificiall.

The Globe and Sphere, Globe in Plano, Quadrant, Plain Table, Circumferenter, Circular Scale, Mathematicall Scale, the use and making of all sort of Astrolabs. The line of Proportion, with the use thereof in Arithmetick, Astronomy, Dialling, Geography, Navigation, Gaging of Vessels, Military Orders, Interest and Annuities.

The description and making of sundry Instruments.

To measure heights, depths, and distances by plaine Glasses, and from the top of a hill to survey a whole Countrey.

To shew all the ordinary appearances and pleasant representations of the Opticks.

To represent the faces of severall Persons in a Glasse, they not being present.

To calculate the true motion of the celestiall orbs, and to find the Eclipses of the Sun and Moon for any time either past, present, or to come.

The Art of Navigation, and to finde the longitude. To make all sorts of Dials, either fixed or instrumentall.

A true, easie, and perpetuall Table, whereby to know the Suns Rising and Setting, the length of the Day and Night, with the Break of Day and continuance of Twilight; calculated for the Town of *Micham*, and may serve exactly all the middle Parts of this Kingdome, and without sensible Errour the whole Continent.

Moneths.	Dayes.	Break of day.		Sun Ris.		Length of day.		Length of night.		Sun Set.		Twilight ends.		Dayes.
		ho.	mi.	h.	m.	ho.	m.	ho.	m.	h.	m.	ho.	mi.	
cemb.	11	6	2	8	18	7	24	16	36	3	42	5	58	11
	21	6	1	8	16	7	28	16	32	3	44	5	59	1
January	1	5	55	8	6	7	48	16	12	3	54	6	5	20
	10	5	35	7	53	8	14	15	46	4	7	6	15	10
	20	5	44	7	37	8	46	15	14	4	23	6	28	1
February	1	5	14	7	16	9	28	14	32	4	44	6	46	20
	10	4	57	6	57	10	6	13	54	5	3	7	3	11
	20	4	37	6	36	10	46	13	14	5	23	7	23	1
March	1	4	18	6	18	11	24	12	36	5	42	7	42	21
	11	3	55	5	58	12	6	14	54	6	2	8	5	11
	21	3	29	5	37	12	46	11	14	6	23	8	31	1
April	1	2	58	5	14	13	32	10	28	6	46	9	2	21
	11	2	28	4	55	14	10	9	50	7	5	9	32	11
	21	1	53	4	37	14	46	9	14	7	23	10	7	1
May	1	1	6	4	19	15	22	8	38	7	41	10	54	22
	11	0	0	4	4	15	52	8	8	7	56	0	0	12
	21	0	0	3	52	16	16	7	44	8	8	0	0	2
June	1	All day		3	44	16	32	7	28	8	16	All day light, no night.		21
	11	no nig.		3	42	16	36	7	24	8	18			11

The Use of this easie Table.

Find the moneth and day of the moneth that you require any of the aforefaid by, and seek the same in this Table under their proper titles, and proceed in right order; so have you your desire: If the just day be not found, take the nearest, or else make proportion, and the truth will appeare.

Nye, 1648.

Of Eclipses.

This Year the inhabitants of the earth shall behold 4. Eclipses; 2. of the Sun, and 2. of the Moon: of all which, none but the last of them will be seen in our Horizon.

The first is of the Moon, May 26. just at high noon, and therefore cannot be seen.

The second is of the Sun, upon June 10. about Midnight, therefore cannot be seen.

The third is of the Moon, upon November 1. at 6. morn. this will be seen of us in Great Britain. It beginneth at Birmicham at 4. a clock, and 32. min. in the morn. the middle will be at 6. a clock, and 10. m. and the end at 7. and 48. min. the Digits eclipsed will be 8. and 47. min. as you may see by this Figure.



The last of the Sun hapneth upon Decem. 3. but will not be seen of us.

Hereafter



Hereafter followeth excellent Tables and Rules to find and know divers celestial constellations and stars, and by knowing to find the true houre of the night without any Instrument. A thing worthy every mans observation and very profitable for Sea-men.

<i>The names of the Stars and parts of the Constellations ; their Rising, Southing, and Setting.</i>	<i>Right Ascension.</i>	<i>The Point the Compass upon which the Pole and Equinoctial</i>
	ho. mi.	
Lucida Corona sets	0 8	N W
Head of Hercules & Serpentar. sets	0 20	W N W
Little Dog-star riseth	0 44	E to the N
Right Knece of Orion riseth	0 24	E S E
Star in Androm.girdle Mirack Sou.	0 48	South
Fomahaunt sets	0 52	S W to W
Middle * in Great Bears tayle S.	1 8	South
Northermost star in Lions neck Ri.	1 28	N E to N
Medusas head.cal'd Ras Algol Sou.	1 40	South
Benenaz last star in G.Bears T. S.	1 32	South
Lucida in Capite V Arietis South	1 44	South
Sindism.bright star in bond of X S.	1 44	South
Alamack * in Androm.foot South	1 44	South
The 2. Stars in Lions neck Riseth	1 54	N E to E
Flying Eagle sets.Gr. dog * Riseth	2 0	W to N. S.W.
Regulus the * in Li. Heart Riseth	2 36	E N E
Shining * in side of Perseus South	2 56	South
Pleiades or 7. Stars South	3 24	South
The Delphine sets	3 32	W N W
Hydras Heart Riseth	3 48	E to S
Star in Lions Tayle Riseth	4 0	E N

Names of the Stars and parts of the Right Ascensions; their Rising, Setting, Ascen- sion.	The Point of the Compass on which they Rise and Set.	Magnitude.
h. m.		
in Noahs Dove Riseth	4 0 S to E	3
Albaran or Bulls Eye South	4 12 South	1
Bright star in Whales Tayle Sets	4 28 S W to W	2
Bright star called the Goat South	4 48 South	1
Star in the left foot of Orion South	4 56 South	2
Star sho. of Or. & north hor. of γ S.	5 4 South	3
Middle * in Or. girdle, Job 38.30	5 16 South	2
Orions right shoulder South	5 32 South	2
Noahs Dove comes to the Meridian	5 32 South	4
Andromedatrix of π Riseth	5 36 E N E	3
Bright Should. of Auriga South	5 32 South	2
Bright star in Pegaf. cal. Marcab. sets	5 56 W N W	2
Antares Riseth, Job 38. 31. —	6 0 N E to E	1
Star in the right foot of Pollux South	6 16 South	2
Star * in tip of Wing of Pegasus	6 20 W N W	2
Antares Alhabor. or G. dog * South	6 30 South	1
Antares Corona Riseth	6 32 North E	2
Star one of the twins in Π South	7 12 South	2
Star Dog star South. —	7 18 South	1
Star the other of the twins South	7 10 South	2
Stars in Wing of the Raven Rif.	7 28 E S E	4
The Star in Pegaf. called Sheat Sets	7 20 North W	1
Stars in the Puppe of the ship South	7 12 South	5
The Virgins spike Riseth	7 56 E to Sou.	1
Stars in the shou. of Hercules Rise	8 16 N E to E	4
Star cepe with the N. & S. Aselli So.	8 20 South	5
Andromedas head sets	8 20 No. West	2
The * in the Ravens foot rise	8 20 S E to E	3
Swans tayle at the North Meridian	8 28 North	2
Brightest star in neck of the Ser. R.	8 40 E to No.	2
Star in Midra's beart South	9 12 South	2
Regulus South	9 50 South	1
The South ballance of α Rise	9 50 E Sou. E	3
Star in the head of the Ram	9 50 North West	2

The names of the Stars and parts of the Constellations; their Rising, Southing, and Setting.

	Right Ascen. from ho. m.	The Point the Compo on which Rise and Set
Orions shining foot sets	10 8	W to S
North Ballance of Libra Riseth	9 40	E to S.
Head of Serpentarius Riseth	10 16	E N E
2. * in the Square of the Great Bear	10 40	North
The Head of Centaurus Riseth	10 40	S E to S
Mirach in Girdle of Andromed. sets	10 40	N S N
Left shoulder of Centaurus Riseth	11 16	S S
The 7. stars set	11 32	N W
First * in the front of m Riseth	11 32	S E to S
Lyons Tayle comes to the South	11 32	South
Left shoulder of Orion sets	11 32	W to N
Great Dog * sets	11 40	W S W
Middle * in Orions Girdle sets	12 8	West
Right shoulder of Orion sets	12 8	W to N
Third * in the forefront of m Ris.	12 8	S West
Antares, or Scorpions heart Riseth	12 48	S West
Vindemiatrix of m South	12 48	South
Flying Eagle Riseth	12 56	E to N
Virgins spike South	13 4	South
Delphin Riseth	13 12	E Nor. E
Little Dog * setteth	13 50	W to N
Arcturus comes to the South	14 2	South
Bright * in right foot of Poll. sets	13 48	W N W
The * called Sheat Pegasus Riseth	14 4	N E
Hydras heart sets	14 28	W to So.
The South Ballance South	14 28	South
Mirach the Girdle of Androm. Ris.	14 44	N N E
Andromedas Head Riseth	15 0	N E
North Ballance of m South	15 0	South
North Crown South	15 20	South
Bright * in neck of the Serp. Ris.	15 28	South
Marchab. of Pegasus Riseth	15 40	E N E
Middle * of 3. in the front of m S.	15 40	South
The tip of the Wing of Pegasus	16 40	W S W
Scorpions Heart called Antares So.	15 8	South

The Point of
the Compass
on which they
Rise and Set.

Names of the Stars and the parts of
Constellations; their Rising, South,
Ascen.
ho. m.

The Point of
the Compass
on which they
Rise and Set.

Magnitudes.

W to S	in the Wing of the Raven sets	16 40	W N W	4
E to S	Goat	16 40	North	1
E. N E	Lyons heart sets	17 4	W N W	1
North	* in head of the Ram. Rise.	17 48	N E to E	2
E to S	in the Tayle of γ Rise	18 4	S E to E	3
S N W	* in the Lions neck sets	18 8	W N W	3
S	* sets	18 16	W to S	1
W	Star called the Harp South	18 24	South	1
E to S	Ballance of α sets	19 18	W S W	2
South	7. stars Rise	19 18	N E to E	5
to N	Scorpions heart sets	19 26	S West	1
S W	flyng Eagle South	19 32	South	2
East	* called Sindismon Rise	19 40	East	2
to N	in the horn of γ South	19 56	South	3
West	Andromedrix sets	20 0	W N W	3
West	North Ballance sets	20 16	W to Sou.	3
th	North horn of the Bull Rise	20 16	N E	3
to N	Andromedrix Rise	20 20	S S E	1
th	Delphin of the Meridian	20 20	South	4
or. E	* in the Whales Tay. Rise	20 20	S E to E	3
to N	Wens Tayle comes to the Merid.	20 28	South	2
th	Aldebaran, or Bulls Eye Rise	20 52	E N E	1
W	Dor Rise	21 28	N E to N	2
So.	* in the Tayle of γ South	21 28	South	3
E	Arcturus sets	22 0	N W to W	1
E	The Serpents neck sets	22 0	W to N	2
E	Pollux Rise	22 28	N E to N	2
E	Andromedrix South	22 40	South	1
E	Booth Sheat and Marchab. South	22 44	South	3
E	Left shoulder of Orion Rise	22 36	East to N	1
E	Right shoulder of Orion Rise	23 0	East to N	1
E	Middle * in Orions Girdle Rise.	23 32	East	2
E	Head of Andromeda South	23 40	South	2
E	The thinning foot of Orion	23 52	E to Sou.	1
E	Star in the Wing of Pegasus	23 56	South	2

A Prognostication.

A Table of the Suns right Ascension.

Dates	January	February	March	April	May	June
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
1	19 33	21 41	23 28	1 20	3 13	5 5
2	19 37	21 45	23 32	1 24	3 17	5 5
3	19 41	21 49	23 35	1 28	3 21	5 5
4	19 46	21 53	23 39	1 32	3 25	5 5
5	19 51	21 57	23 43	1 35	3 29	5 5
6	19 55	22 1	23 46	1 38	3 33	5 5
7	19 59	22 5	23 50	1 42	3 37	5 5
8	20 3	22 9	23 53	1 46	3 41	5 5
9	20 8	22 13	23 56	1 50	3 45	5 5
10	20 10	22 17	24 0	1 54	3 49	5 5
11	20 16	22 21	0 4	1 57	3 53	6 0
12	20 20	22 25	0 7	2 1	3 56	6 4
13	20 24	22 28	0 11	2 5	4 1	6 8
14	20 28	22 32	0 15	2 9	4 5	6 12
15	20 32	22 36	0 18	2 12	4 9	6 16
16	20 36	22 40	0 22	2 16	4 13	6 20
17	20 41	22 43	0 26	2 20	4 17	6 24
18	20 45	22 47	0 29	2 23	4 21	6 28
19	20 50	22 51	0 33	2 27	4 25	6 32
20	20 54	22 55	0 37	2 31	4 28	6 37
21	20 58	22 58	0 40	2 35	4 33	6 41
22	21 2	23 2	0 44	2 38	4 38	6 45
23	21 6	23 6	1 48	2 42	4 41	6 49
24	21 10	23 9	1 51	2 46	4 45	6 53
25	21 14	23 13	1 55	2 50	4 50	6 57
26	21 18	23 17	1 58	2 54	4 54	7 1
27	21 22	23 21	2 2	2 58	4 58	7 6
28	21 26	23 24	2 5	3 2	5 1	7 10
29	21 30		2 9	3 5	5 5	7 14
30	21 34		2 13	3 9	5 10	7 18
31	21 38		2 17		5 14	

Nye, 1648.

ension. Table of the Suns right Ascension.

ay J	July	August	Septemb.	October	Novemb.	Decem.	
mi. h.	mi. ho.	mi. ho.	mi. ho.	mi. ho.	mi. h.	m.	
13 5	22 9	24 11	18 13	6 15	7 17	15	
17 5	27 9	28 11	22 13	10 15	11 17	20	
21 5	31 9	32 11	25 13	14 15	15 17	24	
25 5	34 9	36 11	29 13	18 15	19 17	28	
29 5	39 9	40 11	33 13	21 15	23 17	33	
33 5	43 9	43 11	36 13	25 15	27 17	37	
37 5	47 9	46 11	40 13	29 15	31 17	41	
41 5	51 9	50 11	44 13	33 15	36 17	46	
45 5	55 9	53 11	46 13	36 15	40 17	50	
49 5	58 9	58 11	50 13	40 15	44 17	54	
53 6	2 10	2 11	54 13	44 15	48 17	59	
56 6	7 10	6 11	58 13	48 15	52 18	4	
6 6	11 10	9 12	2 13	52 15	56 18	9	
6 10	14 10	12 12	6 13	55 16	1 18	13	
6 14	18 10	16 12	9 14	59 16	5 18	17	
6 18	22 10	20 12	12 14	3 16	9 18	22	
6 22	26 10	24 12	16 14	7 16	14 18	26	
6 26	30 10	27 12	19 14	11 16	18 18	30	
6 30	35 10	31 12	23 14	15 16	23 18	35	
6 34	38 10	35 12	27 14	19 16	27 18	39	
6 38	42 10	38 12	30 14	22 16	31 18	43	
6 42	46 10	41 12	34 14	26 16	35 18	48	
6 46	50 10	45 12	38 14	30 16	40 18	52	
6 50	54 10	49 12	41 14	34 16	44 18	57	
6 54	58 10	53 12	45 14	38 16	48 19	2	
6 58	1 10	56 12	49 14	42 16	53 19	6	
7 2	5 11	0 12	51 14	46 16	57 19	10	
7 6	9 11	3 12	55 14	50 16	1 19	15	
7 10	13 11	7 12	59 14	55 17	5 19	19	
7 14	17 11	11 13	3 14	59 17	11 19	23	
7 18	18 11	14	15	3 17	19	28	

The use of the former Tables.

BY the help of those Tables you may perfectly know at what houre and min. all those stars both North, South, and Set, after this manner: first find \odot right ascension by the last Table, then find the Stars ascension subtraſt \odot ascension out of the stars, and that which remaines is either their Rising, Southing, or Setting; if you cannot make the subtraction adde 24. ho. therunto and then you make your subtraction.

Note, that if after the subtraction be made, there remain more then 12. ho. cast away 12. and the remainder is the Number.

Example.

UPon *March 10.* all the stars Rise, South, and Set without any addition or subtraction, but just as they are set down in the Table.

I desire to know upon *Nov. 5.* when they Rise, South, and Set; the first star in the Table is *Lucida Comae* whose right ascension is 8. min. the ascension of \odot is 15. ho. and 23. min. as appears by the Table of Ascension; because I cannot take 15. ho. and 23. min. out of 8. min. I adde therunto 24. h. then it is 24. h. 8. min. out of which I take 15. h. 23. min. and the remainder is 8. ho. 11. min. I cannot cast away 12. and that which remaines is 8. h. and 35. min. in the evening, for ever when you cast away 12. that which remaines is in the morning; but if there be no need to cast away 12. then it is afternoon.

Another Example.

I Desire to know when *Arcturus* sets upon *April 1.* upon which day \odot right ascension is 1. h. and 20. m. and *Arcturus* his ascension just 22. ho. out of which I take 1. h. and 20. m. there remains 20. h. and 40. m. which if I take away 12. will shew that *Arcturus* sets at 8. and 20. m. in the morning.